

AMENDMENTS TO THE CLAIMS

Claim 1 (Currently Amended): A method of differentiating ~~beer~~ bottom-fermenting yeast from wild yeast comprising

synthesizing a pair of primers consisting of (i) a primer comprising the base sequence set forth in SEQ ID NO: 7 and (ii) a primer comprising 15-30 ~~bp~~ nucleotides of a sequence that is complementary to a base sequence of chromosome IX of *Saccharomyces cerevisiae* located downstream from a sequence selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, and SEQ ID NO: 6;

performing PCR (Polymerase Chain Reaction) using said pair of primers and a DNA separated from a yeast specimen to produce a PCR amplification product; and

differentiating whether said yeast is bottom-fermenting yeast or wild yeast, based on the PCR amplification product.

Claim 2 (Currently Amended): A method of differentiating ~~beer~~ bottom-fermenting yeast from wild yeast comprising

synthesizing a pair of primers consisting of (i) a primer comprising the base sequence set forth in SEQ ID NO: 7 and (ii) a primer comprising the base sequence set forth in SEQ ID NO: 8;

performing PCR (Polymerase Chain Reaction) using said pair of primers and a DNA separated from a yeast specimen to produce a PCR amplification product; and

differentiating whether said yeast is bottom-fermenting yeast or wild yeast, based on the PCR amplification product.

Claim 3 (Canceled):

Claim 4 (Withdrawn): A method of differentiating beer yeast comprising synthesizing a pair of primers consisting of (i) a primer comprising the base sequence set forth in SEQ ID NO: 9 and (ii) a primer comprising 15-30 bp of a sequence that is complementary to a base sequence of chromosome IX of *Saccharomyces cerevisiae* located downstream from a sequence selected from the group consisting of SEQ ID NO: 1, SEQ ID NO: 2, SEQ ID NO: 3, SEQ ID NO: 4, SEQ ID NO: 5, and SEQ ID NO: 6;

performing PCR (Polymerase Chain Reaction) using said pair of primers and a DNA separated from a yeast specimen to produce a PCR amplification product; and

differentiating whether said yeast is bottom-fermenting yeast or wild yeast, based on the PCR amplification product.

Claim 5 (Withdrawn): The method of differentiating beer yeast according to claim 4, wherein said pair of primers consists of (i) a primer comprising the base sequence set forth in SEQ ID NO: 9 and (ii) a primer comprising the base sequence set forth in SEQ ID NO: 10.

Claim 6 (Withdrawn): The method of differentiating beer yeast according to claim 5, wherein the base sequences of said primers have one or more base substitutions, deletions or insertions and function as primers for PCR.

Claim 7 (Withdrawn): A pair of primers consisting of (i) a primer comprising the base sequence set forth in SEQ ID NO: 7 and (ii) a primer comprising the base sequence set forth in SEQ ID NO: 8.

Claim 8 (Canceled)

Claim 9 (Withdrawn): A pair of primers consisting of (i) a primer comprising the base sequence set forth in SEQ ID NO: 9 and (ii) a primer comprising the base sequence set forth in SEQ ID NO: 10.

Claim 10 (Withdrawn): The pair of primers according to claim 9, wherein the base sequences of said primers have one or more base substitutions, deletions or insertions and function as primers for PCR.

SUPPORT FOR THE AMENDMENTS

Claim 8 was previously canceled.

Claim 3 is canceled herein.

Claims 1 and 2 have been amended.

The amendment of Claims 1 and 2 is supported by the corresponding previously pending claims and the original specification as filed, for example at page 1, lines 6-8 and page 6, line 22 to page 14, line 2.

No new matter has been entered by the present amendment.